

Process and apparatus for checking the condition of finger type road joints**Publication number:** EP1270818**Also published as:****Publication date:** 2003-01-02

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Inventor: KRAMER HANS (CH)**Applicant:** Eidgenoessische Materialpruefu (CH)**Cited documents:****Classification:****- international:** E01D19/06; G01M5/00; E01D19/00; G01M5/00; (IPC1-7); E01D19/06; G01M5/00

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The test appliance consists of a bridge frame (17) positioned over a road joint section (13) and supporting two hydraulic hoists (20,21) and their ancillary equipment. They serve to lift fingers (12) with the aid of belts (35) looped round steel rods (34). Arms (38,39) fitted with travel sensors (40,41;42,43) monitor finger travel and a pressure sensor the force lifting them. The sensor signals are then processed by computer to provide a travel-force diagram.



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